

Amendments to the Claims:

The following listing of the claims replaces all previous listings and versions of the claims in this application:

5 Listing of the claims:

1. (Currently Amended) A method of preventing or reducing temperature gradient caused bending of a structural element made of a material capable of withstanding heating to a specific temperature for an extended period of time, when heating said element to said specific temperature, said structural element being connected to an adjacent supporting structural element structure through a high temperature resistant supporting body, the method comprising: the steps of

providing said structural element with the, providing said high temperature resistant supporting body as a pultruded profiled body, the supporting body having including a solidified high temperature resistant resin and reinforcing fibres fibers, wherein at least a part of the reinforcing fibers constitutes which being constituted by fibres fibers exhibiting high strength and high stiffness at a low temperature and a reduced strength and a reduced stiffness when exposed to and possibly deteriorated at said specific temperature;

and fixating said structural element relative to its supporting structure by means of said pultruded body.

20 2. (Canceled)

3. (Currently Amended) The method according to claim 1 any of the claims 1 or 2, said structural element being a metallic plate of a fire-resistant door.

4. (Currently Amended) The method according to claim 1 any of the claims 1-3, wherein said reinforcing fibres including fibers include a first group of fibers selected from the group consisting of at least one of glass fibres fibers, carbon fibres fibers, or Kevlar fibres and KEVLAR fibers capable of withstanding heating to said specific temperature; and a second group of fibers selected from the group consisting of at least one of polymer fibres fibers, natural fibres fibers such as hemp, [[or]] and combinations thereof, [[or]] and glass fibres fibers hav-

ing an exterior coating of polymer non-capable of withstanding heating to said specific temperature.

5. (Currently Amended) The method according to claim 1 ~~any of the claims 1-4~~, said specific temperature being in the [[order]] range of 300-1000 C° such as ~~400-1000 C°, 300-400 C°,~~

5 ~~400-500 C°, 500-600 C°, 600-700 C°, 700-800 C°, 800-900 C° or 900-1000 C°.~~

6. (Currently Amended) The method according to claim 1 ~~any of the claims 1-5~~, said resin body being made from a material selected from the group consisting of polyester, vinylester, phenol, epoxy [[or]] and combinations thereof.

7. (Currently Amended) The method according to claim 1 ~~any of the claims 1-6~~, said pultruded body including one or more zones ~~including said~~ having at least part of said fibres fibers for allowing the deformation of said pultruded body at said specific zones.

8. (Currently Amended) A pultruded body for use according to the method of claim ~~1 according to any of the claims 1-7~~, said pultruded body comprising a resin body including a solidified high temperature resistant resin and reinforcing fibres at least a part of which being constituted by fibres exhibiting high strength and high stiffness at a low temperature and a reduced strength and a reduced stiffness when exposed to ~~and possibly deteriorated at~~ said specific temperature.

9. (Currently Amended) The pultruded body according to claim 8, said reinforcing fibres fibers comprising a first part including fibers selected from the group consisting of at least one ~~of glass fibres fibers, carbon fibres fibers, and or Kevlar KEVLAR fibres fibers~~ capable of withstanding heating to said specific temperature, and a second part non-capable of withstanding heating to said specific temperature consisting of ~~as said fibres of said second part be moulded or deteriorated as said fibres of said second part be constituted by~~ including fibers selected from the group consisting of at least one of polymer fibres fibers, such as PE, PP, PVC or similar fibres, natural fibres fibers, such as hemp or glass fibres fibers, carbon fibres fibers, or Kevlar fibres and KEVLAR fibers having an exterior coating of polymer non-capable of withstanding heating to said specific temperature.

10. (Currently Amended) The pultruded body according to ~~claim 8 any of the claim 8 and 9~~,
said pultruded body including one or more zones ~~including said or having~~ at least part of said
~~fibres fibers~~ for allowing the deformation of said pultruded body at said specific zones.
11. (Currently Amended) The pultruded body according to claim 10, said one or more zones
5 being located at the ~~entre center~~ of said pultruded body for providing a central deformation
zone.
12. (Currently Amended) The pultruded body according to ~~any of the claims 8-11 claim 8~~,
said pultruded body being fixated within metal end encasings exposing a central uncovered
and insulating central part.
- 10 13. (Currently Amended) The pultruded body according to claim 8, wherein said pultruded
body is produced by A method of producing a pultruded body according claim 8 to any of
the claims 8-12, said method comprising the steps of providing reinforcing ~~fibres fibers~~ at
least a part of which ~~being are~~ constituted by ~~fibres fibers~~ exhibiting high strength and high
stiffness at a low temperature and a reduced strength and a reduced stiffness when exposed to
15 and possibly deteriorated at said specific temperature[[],];
- providing a resin and producing said body from said reinforcing ~~fibres fibers~~ and said
resin in a ~~pultrusion pultrusion~~ process for providing said pultruded body; and
- curing said pultruded body at a temperature without deteriorating said at least part of
said ~~fibres~~.
- 20 14. (New) A method of preventing or reducing temperature gradient caused bending of a
structural element capable of withstanding heating to a specific temperature for an extended
period of time, comprising:
providing the structural element with a second supporting structural element through a
high temperature resistant supporting body, said supporting body being a pultruded profiled
25 body having a solidified high temperature resin and reinforcing fibers, wherein at least part of
the reinforced fibers comprises fibers exhibiting high strength and high stiffness at a low

temperature and a reduced strength and reduced stiffness at higher temperatures between 300⁰C-1000⁰C; and

fixating the structural element relative to the second supporting structural element by means of pultruded body.